IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ROGER L. SCHULTZ

Group Art Unit:

3753

Serial No.: 10/808,986

\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

Filed:

March 25, 2004

Examiner:

SCHNEIDER, CRAIG M.

Title: "APPARATUS AND METHOD FOR

CREATING PULSATING FLUID FLOW,

AND METHOD OF MANUFACTURE FOR

THE APPARATUS"

Atty. Docket No.: HES 2003-IP-012204U1

MAIL STOP AMENDMENT **Honorable Commissioner of Patents** P. O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF FILING ELECTRONICALLY VIA EFS MPEP 503

I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

> HONORABLE COMMISSIONER FOR PATENTS P.O. Box 1450 ALEXANDRIA, VA 22313-1450

DATE OF SUBMISSION: **ELECTRONIC FILING (EFS)**

RESPONSE UNDER 37 C.F.R. § 1.111 TO NON-FINAL OFFICE ACTION, MAILED MAY 30, 2007

Dear Honorable Commissioner:

In response to the Office Action mailed on May 30, 2007 (the "Office Action"),

Applicants submit this Response.

- Amendments to the Drawings begin on page 2 of this paper.
- Amendments to the Claims begin on page 3 of this paper; and
- Remarks / Arguments begin on page 21 of this paper.